

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Continuation of  
Serial No. : 09/174,797

Applicant(s) : Tetsu KIMURA et al.

For : RECORDING AND/OR REPRODUCTION  
APPARATUS, FILE MANAGEMENT METHOD  
AND PROVIDING MEDIUM

Filed : Herewith

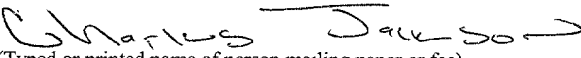
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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Before the issuance of the first Official Action, please amend the above-identified application as follows:

IN THE CLAIMS

Please cancel claims 1-4 without prejudice.

Please add the following new claims:

--11. (New) A recording apparatus, comprising:

recording means for recording information by a predetermined unit on a recording medium; and

setting means for setting a size of said unit according to the type of said information.--

--12. (New) The recording apparatus according to claim 11, further comprising identification information recording means for recording identification information representative of said unit size on said recording medium.--

--13. (New) The recording apparatus according to claim 12, wherein said setting means sets the unit size of audio and/or video data longer than that for control data.--

--14. (New) The recording apparatus according to claim 13, wherein said setting means sets the unit size of audio and/or video data longer than 4MByte.--

--15. (New) A recording apparatus, comprising:

input means for inputting data;

control means for controlling a size of a recording unit such that the recording unit applied to audio and/or video data is set longer than that for control data; and

recording means for recording said input data along with identification data representative of the size of said recording unit.--

--16. (New) A recording method comprising the steps of:

recording information by a predetermined unit on a recording medium; and

setting a size of said unit according to the type of said information.--

--17. (New) The recording method according to claim 16, further comprising the step of recording identification information representative of said unit size on said recording medium.--

--18. (New) The recording method according to claim 17, wherein the setting step sets the unit size of audio and/or video data longer than that for control data.--

--19. (New) The recording method according to claim 18, wherein the setting step sets the unit size of audio and/or video data longer than 4MByte.--

--20. (New) A recording method comprising the steps of:

inputting data;

controlling a size of a recording unit such that the recording unit applied to audio and/or video data is set longer than that for control data; and

recording said input data along with identification data representative of the size of said recording unit.--

--21. (New) A recording method comprising the steps of:

generating recording units representative of input data;

setting lengths of the recording units according to the type of the input data; and

recording the recording unit along with identification information indicative of the length of the recording unit on a recording medium.--

--22. (New) The recording method according to claim 21, wherein the setting step sets the length of the unit of AV data longer than the length of the unit of computer data.--

--23. (New) The recording method according to claim 21, wherein the recording medium is a disc type recording medium, and further comprising dividing the disc type

recording medium into a plurality of blocks and controlling the recording so that data may be recorded into an area of any of the divided blocks which is equal to or larger than one half the block.--

--24. (New) The recording method according to claim 21, wherein the recording medium is a disc type recording medium, and further comprising dividing each track of the disc type recording medium, onto which information is to be recorded, into n blocks and controlling the recording so that data may be recorded into an area of any of the divided blocks which is equal to or larger than  $(n-1)/n$  of the block, n being an integer equal to or larger than 2.--

#### **REMARKS**

This application is a Continuation of application serial No. 09/174,797 filed October 19, 1998.

Claims 1-4 have been canceled. Claims 5-10, and new claims 11-24 are in this application.

An early and favorable action on these merits of this application is solicited.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Please charge any fees incurred by reason of this Amendment and not paid  
herewith to Deposit Account No. 50-0320.

Respectfully submitted,  
FROMMER LAWRENCE & HAUG LLP

By:



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**“Version with markings to show changes made.”**

**IN THE CLAIMS**

Please cancel claims 1-4 without prejudice.

Please add the following new claims:

--11. (New) A recording apparatus, comprising:

recording means for recording information by a predetermined unit on a recording medium; and

setting means for setting a size of said unit according to the type of said information.--

--12. (New) The recording apparatus according to claim 11, further comprising identification information recording means for recording identification information representative of said unit size on said recording medium.--

--13. (New) The recording apparatus according to claim 12, wherein said setting means sets the unit size of audio and/or video data longer than that for control data.--

--14. (New) The recording apparatus according to claim 13, wherein said setting means sets the unit size of audio and/or video data longer than 4MByte.--

--15. (New) A recording apparatus, comprising:

input means for inputting data;

control means for controlling a size of a recording unit such that the recording unit applied to audio and/or video data is set longer than that for control data; and

recording means for recording said input data along with identification data representative of the size of said recording unit.--

--16. (New) A recording method comprising the steps of:

recording information by a predetermined unit on a recording medium; and

setting a size of said unit according to the type of said information.--

--17. (New) The recording method according to claim 16, further comprising

the step of recording identification information representative of said unit size on said recording medium.--

--18. (New) The recording method according to claim 17, wherein the setting

step sets the unit size of audio and/or video data longer than that for control data.--

--19. (New) The recording method according to claim 18, wherein the setting

step sets the unit size of audio and/or video data longer than 4MByte.--

--20. (New) A recording method comprising the steps of:

inputting data;

controlling a size of a recording unit such that the recording unit applied to audio

and/or video data is set longer than that for control data; and

recording said input data along with identification data representative of the size

of said recording unit.--

--21. (New) A recording method comprising the steps of:

generating recording units representative of input data;

setting lengths of the recording units according to the type of the input data; and

recording the recording unit along with identification information indicative of the

length of the recording unit on a recording medium.--

--22. (New) The recording method according to claim 21, wherein the setting

step sets the length of the unit of AV data longer than the length of the unit of computer data.--

--23. (New) The recording method according to claim 21, wherein the recording medium is a disc type recording medium, and further comprising dividing the disc type recording medium into a plurality of blocks and controlling the recording so that data may be recorded into an area of any of the divided blocks which is equal to or larger than one half the block.--

--24. (New) The recording method according to claim 21, wherein the recording medium is a disc type recording medium, and further comprising dividing each track of the disc type recording medium, onto which information is to be recorded, into n blocks and controlling the recording so that data may be recorded into an area of any of the divided blocks which is equal to or larger than  $(n-1)/n$  of the block, n being an integer equal to or larger than 2.--